

20030118.qrp v02_n804.qrl.20030118

Date: Sat, 18 Jan 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2804

QRP-L Digest 2804

Topics covered in this issue include:

- 1) [144845] [Fox] Re: Clarification, please.
by VE3JC John Cumming <jbcumming@wwdc.com>
- 2) [144846] Lithium polymer batteries
by ae5x@netscape.net (John Harper AE5X)
- 3) [144847] Re: Do You Use a Foot Switch?
by Tom Popovic <ki3r@yahoo.com>
- 4) [144848] GQRp Club renewal reminder
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 5) [144849] ARRL Book Offer
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 6) [144850] FYBO 2003 NM Multi-Multi
by "James R. Duffey" <JamesDuffey@comcast.net>
- 7) [144851] APRS during contests - was discussed on one or both reflectors
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 8) [144852] D.I.Y Heatsinks for the Metal 2N2222
by wkhibbert@juno.com
- 9) [144853] DSWTUN03...Significant progress today + question about QRP pa
filters...
by "Bill, N4QA" <n4qa@hotmail.com>
- 10) [144854] Fwd: Results of 15th HOT-PARTY
by dl6aaf@t-online.de (Uwe Meier)
- 11) [144855] Fwd: 15th HOT-PARTY: comments
by dl6aaf@t-online.de (Uwe Meier)
- 12) [144856] Re: Do You Use a Foot Switch?
by Tim Groat <tcgroat@earthlink.net>
- 13) [144857] UPDATED: the "Rock-Mite" files
by "Rod N0RC" <rod@n0rc.us>
- 14) [144858] Re: APRS and ARRL contests
by "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
- 15) [144859] Re: two questions
by J38AL@aol.com
- 16) [144860] FOX: K9DC Corrected Final final 9-Jan
by Dave Gingrich K9DC <gingrich2@dcg.org>
- 17) [144861] 30 Meters
by Pete Burbank <plburbank@earthlink.net>
- 18) [144862] Re: Do You Use a Foot Switch?
by Bob Nielsen <nielsen@oz.net>

- 19) [144863] Trade full house K1-4 kit for Corsair II or cash
by <tlogan7@cox.net>
- 20) [144864] FoxHunt Competition - ???
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 21) [144865] Portable antennas
by "Cormac Thompson" <cormac@bentonrea.com>
- 22) [144866] Re: APRS and ARRL contests
by Alex <kr1st@amsat.org>
- 23) [144867] MFJ CWF-2 Filter Schematic ?
by Rick McKee <kc8aon@juno.com>
- 24) [144868] Re: Portable antennas
by "Rod N0RC" <rod@n0rc.us>
- 25) [144869] Need Nor'easter Kit (Norcal) Help
by "Burnley" <nu0v@arrl.net>
- 26) [144870] Re: APRS and ARRL contests
by Bill ROWLETT <kc4atu@yahoo.com>
- 27) [144871] Re: FoxHunt Competition - ???
by "George, W5YR" <w5yr@att.net>
- 28) [144872] Re: Do You Use a Foot Switch?
by Dave Fouchey <dafouchey@comcast.net>
- 29) [144873] Re: DSWTUN03...Significant progress today + question about QRP pa
filters...
by "James R. Duffey" <JamesDuffey@comcast.net>
- 30) [144874] Re: Portable antennas
by "Donn Kuse" <casey.jay@verizon.net>
- 31) [144875] RE: Buffer amp question
by Nick Kennedy <nkennedy@tcainternet.com>
- 32) [144876] Re: FoxHunt Competition - ???
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 33) [144877] FS: Yaesu YH-77 headphones
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 34) [144878] K1-4 kit for sale; my loss your gain
by <tlogan7@cox.net>
- 35) [144879] Re: Lithium polymer batteries
by Ed Tanton <n4xy@earthlink.net>
- 36) [144880] Re: APRS and ARRL contests
by Brian Short <bshort4@cox.net>
- 37) [144881] Travel for Atlanticon, Arkiecon, FDI
by "J. Bennett" <jwbennett@sprintmail.com>
- 38) [144882] First QSO with DSW-30 a la DSWTUN03, on 30 meters even...
by "Bill, N4QA" <n4qa@hotmail.com>

Date: Fri, 17 Jan 2003 19:07:03 -0500
From: VE3JC John Cumming <jbcumming@wwdc.com>
To: w2agn@w2agn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [144845] [Fox] Re: Clarification, please.
Message-ID: <3E289AA7.2010609@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

John,

I'm certainly not a member of the Fox rules committee, but almost as long as the Fox Hunts have been going on, email postings of Fox Log revisions have been used to correct exchanges. Just part of the FoxHunt tradition.

Personally, I lost some of my own enthusiasm for the Fox Hunts because of the practice with email log correction ("Thanks for correcting your call - I'm sure I copied it correctly, but I just can't read my own writing"). But in this instance the person requesting the log check is in line with past QRP-L practice IMHO.

72, John VE3JC

W2AGN wrote:

> Just asking a question of the FOX rules committee. In Contests, working
> DX stations, EME, etc, in order to have a contact, the exchanges must be
> sent and acknowledged.
>
> Is it considered suitable acknowledgment for the Fox Hunt to receive it
> via email?
>
> Inquiring minds would like to know.
>

Date: Fri, 17 Jan 2003 19:08:58 -0500
From: ae5x@netscape.net (John Harper AE5X)
To: qrp-l@lehigh.edu
Subject: [144846] Lithium polymer batteries
Message-ID: <532B6477.23381A95.00003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Anyone have any experience using these batteries in QRP applications?
<http://www.microrc.com/electric.htm#Polycells>
They are fairly new and seem to be gaining in popularity among R/C
(electric) airplane enthusiasts due to their light weight.

--

John Harper AE5X
80 Meter DXing & Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! [http://
channels.netscape.com/ns/browsers/download.jsp](http://channels.netscape.com/ns/browsers/download.jsp)

Get your own FREE, personal Netscape Mail account today at [http://
webmail.netscape.com/](http://webmail.netscape.com/)

Date: Fri, 17 Jan 2003 16:14:42 -0800 (PST)
From: Tom Popovic <ki3r@yahoo.com>
To: rattray@gpfn.sk.ca,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144847] Re: Do You Use a Foot Switch?
Message-ID: <20030118001442.35414.qmail@web11207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Bruce Rattray <rattray@gpfn.sk.ca> wrote:

>
> the foot switches from old dictaphone machines make
> excellent foot
> switches for the transmit function...and they're
> usually free.

Used one for the last 20 years or so with the Eico 723

....

73 Tom KI3R Port Vue Pa nr Pittsburgh

=====

The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...

Actors change, but the course of the tragedy remains the same. Ayn Rand 1943

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Fri, 17 Jan 2003 19:17:15 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [144848] GQRp Club renewal reminder
Message-ID: <200301180017.h0I0H8xV003107@rhombus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

For those of you who have forgotten, or just not gotten around to it yet....

It is time to renew (or join if you are not already a member!) your membership in the GQRP Club. I handle the North American memberships. Annual dues are \$14 and can be sent to me at:

Bill Kelsey N8ET
3521 Spring Lake Dr.
Findlay, OH 45840

Assuming you have not changed your address, all I need is a check with your callsign and GQRP number on it.

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Fri, 17 Jan 2003 19:29:54 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [144849] ARRL Book Offer
Message-ID: <200301180029.h0I0TlTJ009912@hagus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Orders for the new book "Experimental Methods in RF Design" By W7ZOI, KK7B, and W7PUA have been steadily rolling in. It looks pretty certain that I will reach the 100 orders I need to get to the next discount level, so any order I have will get an additional 5% off in the form of a refund with the book when I ship it. Any orders I get prior to Feb. 15 will get the 5% plus the free Priority Mail Shipping. Anyone who has ordered on-line (PayPal or e-mail) should have received a confirmation e-mail from me. If not - send me a quick e-mail and I will check on your order.

Also - Any ARRL book or CD ordered before Feb 15 will get the free Priority Shipping and the additional 5% off.

I have had several inquiries for overseas subscribers to QRP-L about the offer. I am working with ARRL to determine exactly how much it will cost me to ship overseas. I will announce the overseas offer as soon as I have enough info to be able to determine my costs. Whatever it works out to be, it will be a good savings to order prior to Feb. 15!

I can take orders via regular mail, e-mail, or telephone. The EMRFD page I have set up <http://www.bright.net/~kanga/kanga/emrfd.htm> Has a button at the end that allows you to ordered on-line via PayPal (that has been getting quite a workout the past week!)

Hope to hear from more of you prior to Feb. 15. My UPS guy is going to hate me when he delivers the books from ARRL, and the post office is going to hate me when I drop them off to be shipped, but it is going to be a great book!

73 - Bill - N8ET

Kanga US

kanga@bright.net

<http://www.bright.net/~kanga/>
419-423-4604

Date: Fri, 17 Jan 2003 17:44:48 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-l@lehigh.edu
Subject: [144850] FYBO 2003 NM Multi-Multi
Message-ID: <BA4DF18F.571%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If anyone in NM is interested in participating in a FYBO multi-multi op in New Mexico, please let me know off list.

<JamesDuffey@comcast.net>

Thanks - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87008 DM65

Date: Fri, 17 Jan 2003 19:56:44 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<fpqrp-1@fpqrp.com>
Subject: [144851] APRS during contests - was discussed on one or both reflectors
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC05F@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

QSP.

Please direct any inquiries to n1nd@arrl.org.

73,=20
Ed Hare, W1RFI

First, please feel free to forward this statement to other reflectors as =
appropriate.=20

There is a growing controversy in regards to the use of BEACONet in the =
upcoming ARRL January VHF Sweepstakes and other ARRL VHF contests.

Let me be very plain and straightforward: The ARRL has determined that =
the use of BEACONet is considered self-spotting of your station. =
Self-spotting is specifically not allowed under the provisions of the =
General Rules for All ARRL Contests:

3.14. In contests where spotting nets are permissible, spotting =
your own station or=20
requesting another station to spot you is not permitted. =

This determination has been clearly presented to those involved with the =

BEACONet program. However there have been postings to many reflectors = stating that they believe the issue has been wrongly decided. That will = continue to be discussed as time progresses. =20

However, so there is no misunderstanding: the use of BEACONet to solicit = contacts during the contest period may make your entry subject to action = by the ARRL Awards Committee.

Since I may not be subscribed to the reflector where you ultimately read = this please forward questions, etc directly to me. I will collect them = and add them to the information for the Awards Committee.=20

Thanks and 73 =20

Date: Fri, 17 Jan 2003 20:10:30 -0500
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [144852] D.I.Y Heatsinks for the Metal 2N2222
Message-ID: <20030117.201033.-488669.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I had a few requests for the sketch of my D.I.Y Heatsink. The one I am using is good, but it's not the only way to fabricate a heatsink.

I will use written descriptions as I have not had a chance to "sketch" these out. The ideas I am listing are NOT, repeat NOT original with me. A quick review of the ARRL Handbook, past articles in QST, 73, CQ or Ham radio will show that this wheel has been invented before.

The easiest way to make a heatsink is a short piece of tubing that will fit snugly on the transistor case. The approximate area of the can, if my ruler and calculator is working right is ~0.25 square inches.. By slipping a 3/4" long length of 3/16" ID tubing on the transistor can, the radiating surface will be increased to ~0.44 square inches. This will make a big difference in the temperature of the 2N2222.

Better yet is what I have seen described as a "flag" heat sink. In this case, a 1" x 3/4" (or 1" x 1") piece of aluminum flashing is rolled around the transistor body on one end only. The wrap is squeezed in with pliers for a snug fit. Your radiating surface will be between 0.75 and 1.0 square inches. This will really cool the beast down.

A 3-sided heat sink can also be made with flashing. In this case, the flashing should be cut to 1 1/2" x 3/4" and the center of the long side bent into an omega. The ends then get bent out perpendicular to the main sheet. The area will be ~1.2 square inches. the width can be adjusted to fit the available space.

One suggestion I read the other day was to drill a hole in a penny that provides a snug fit and press it over the can. The area of the penny is about 0.45 square inches so with the can the area will be around 0.6 square inches allowing for the material taken out of the center. You can even solder the penny on the can for really good contact!

I'll try to get a few examples together and take some jpeg's to post or forward.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Fri, 17 Jan 2003 20:26:57 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [144853] DSWTUN03...Significant progress today + question about QRP pa filters...
Message-ID: <BAY1-F179ko4rTLp7UL00010e1b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Laid out of work today...just didn't feel like fighting snow at 5am.
Did venture out late morning to buy Zeran some nice alfalfa so he wouldn't have to dig for his grub today...
So, B-Dawg & I spent another cold winter day in cozy Studio B, writing code and napping in the LA-Z-Boy...

Today, figured out how to enter base ten freq numbers, to one Hz resolution, convert 'em to binary and shift 'em out to the DSW-30's DDS chip along with register address data, o'course. Last week, was just sending 'canned' data to the DDS for a few favorite freqs but NOW the program is calculating all that good stuff for me.
Listening to W1AW bulletins on 1818 KHz with the DSW-30 right now.

Earlier today, tuned in WRAD, 1460 KHz; CHU on 3330, 7335 and 14670 KHz; WWV on 10 & 15 MHz; CLA on 8573 & 12673.5 KHz...ok some of these required the help of an external rx preamp...

But, I got to thinking about diode-switched band filters like those found in the Heathkit HW-9 and other QRP rigs.

Why? Well, it's just that with appropriate filtering, the DSW-series rigs ...and others...might be used effectively over a wide range of operating frequencies.

So, my question is this...

How much has been done about using diode-switched band filtering, at QRP levels, in the rf power amplifier stage(s)? Is this even feasible? Low-level circuits use this technique frequently but I can't remember seeing this done in the pa...

Well, the DSWTUN03 software is nowhere near ready for prime-time but it's getting more fun to play with nearly everyday :)

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

The new MSN 8 is here: Try it free* for 2 months
<http://join.msn.com/?page=dept/dialup>

Date: Sat, 18 Jan 2003 02:43:45 +0100 (MET)
From: dl6aaf@t-online.de (Uwe Meier)
To: qrp-l@lehigh.edu
Subject: [144854] Fwd: Results of 15th HOT-PARTY
Message-ID: <200301180143.CAA00361@joringel.t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU

The QRP-CONTEST-COMMUNITY (qrpc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
+495341-50113

14-Jan-2003

Dear party HOT-Party-guests,

the qrpcc presents the

Results of 15th HOMEBREW & OLDTIME - EQUIPMENT - PARTY (17-Nov-2002)

Pos.	CALL	TOT	40m	80m	TX ; RX
	CLASS A				TX & RX (or TRX) Homebrew or > 30 years old
1	DL00G	205	99	106	TX: Lo40K39 ; RX: K 1n E52b
1	F8CB	205	122	83	TX: VFO+PhOsc-MXR-PA "TT21" ; RX: Solid-Synth.
1	HA3PT	205	117	88	HB TRX, all transistor except PA (GU50), 80w
1	OM3CDN	205	96	109	HB-TX, 5t bs (1969) ; RX: KROT (USSR, 1956)
5	DJ8BD	197	132	65	HB-TRX, 9 MHz IF, PA 2x2SC1972, 30w
6	DJ2XP	193	132	61	F-Line (FR-100B/FL-100B) (1965)
7	DJ7TE	180	69	111	Collins 32-S-2 ; Collins 75-S-3C (1970)
8	DL1JGA	174	89	85	OHR 400 + HB-PA 2xIRF510 (FA 7/97), 15w
9	PA3AHN	165	62	103	Trio TX-599 / JR-599 (1970)
10	DL9QM	163	89	74	HB-TXs & HB-RXs for 40&80m; TXs xtal-contr.
11	OK2BPA	143	62	81	HB-TX (PA GU50, 1963) ; RX National HRO (1946)
12	SP9QJ	142	41	101	Sommerkamp FT-250 (1969), PA 2xGU50, abt. 50w
13	SP3MY	132	53	79	HW-100, PA GU29 (1969), 80w
14	G3VDL	119	45	74	TX: 6AG7-5763-807 ; RX: Eddystone 888A (1959)
15	HB9APJ	84	79	5	Drake TR-4 (abt. 1966)
16	G3CQR	81	37	44	Yaesu FT-200 (1970)
17	ON4ADR	72	0	72	TS-515 (mfd.: PA 807) (1972)
18	ON5JD	68	18	50	TS-515 (10 tbs; 88 semicond., 2xS2001 in PA)
19	Y02IS	66	30	36	HB-TX (13 tbs)+ HB-RX (13tbs), PA GU-29 (=829B)
20	DJ7RU	64	64	0	SP-20 (spy-TX, 20w, 1970) ; R-311 (USSR,1960)
21	RW3DOX	62	62	0	HB TRX (UW3DI), PA GU29. 50w
22	DL3AKF	59	59	0	Elecraft K2, max. 15w
23	DL2MFP	41	0	41	TX: 8tbs, PA RS1003 ; RX: 9 tbs SH. 455 kHz IF
24	SM6ERS	27	24	3	Heathkit HW-101 (1972)
25	DJ7ZT	21	0	21	Heathkit-Line SB-301 / SB-401(1969)
26	DJ7RS	17	0	17	L040K39 (3xRL12P35) ; L06K39 (3-V-1) (1939-42)
27	DK9KR	11	0	11	Elecraft K1 + PA 2xMTP3055, 50w
28	DK2SH	6	0	6	WS19MK3 (US-Army 1944-48), 8w
CH	DL1AZK				TS-520S (1978 = too young, sri)
CH	DL1ALF				Uniden 2020 (1976 = too young, sri)

CLASS B

Only TX OR RX Homebrew or > 30 years old

1	DJ9IE	196	95	101	40m: DK6SX-T(R)X; 80m: AFE 12 + 500Hz filter
2	DL1ARH	80	39	41	2xKP902A-BF964-J310-2N3926-2xCTC50-A12, 20w
3	DK0IBF	62	62	0	FL-100B (Sommerkamp 1965)
4	DL0SGN	48	48	0	R-107 (Royal Navy 1944, 8tbs SH+HB xtal-filter)
5	DF0GIF	33	33	0	FR 100B (Sommerkamp 1966)
6	DK0SZ	19	0	19	RX-80 (ARDF-RX)
7	DJ7ST	5	0	5	NordMende Globecorder ("World-Receiver" >30yrs)
7	F8IL	5	5	0	VFO (6V6) - FD (6V6) - PA (807), abt 20w

	CLASS C				QRP-TX or -TRX, HB or >30 yrs old
	-----				-----
1	DL3KVR	275	156	119	HB-TRX, 9/0.2 MHz IF; 5w
2	DL5JAN	261	147	114	Sierra, 2.5w
3	DK3UZ	195	99	96	Elecraft K2 # 2018
3	DL6ABB	195	91	104	40m: HB SBT40, 2w ; 80m: HW-9 + 500 Hz-filter
5	OK2BWJ	168	82	86	HB TRX (adapted from prof. RX; PA GU50 at 200V)
6	DL1HTX	141	62	79	Sierra + DL-QRP-PA, 5w
7	SP3BOL	115	48	67	TX: ECC85-6J6-EF91-5763 ; RX: 7 tubes
8	DL1RNN	108	0	108	Elecraft K1 # 1383
9	HB9BQB	106	39	67	40m: HB like QRPC 40-40; 80m: OHR QRP-Spirit
10	DK4CU	87	49	38	Heathkit HW-8
11	G2HLU	82	35	47	HB TRX (G3TSO modular 6-band, RadCom 1988) 5w
12	DL1AZK	81	81	0	ELBC (DJ3KK design, CQ-DL 8/99, p664, 3w
13	DL3AKF	75	0	75	HB "Black Forest", 5w
14	OK2BTT	72	72	0	VFO-FD-PA (EL83), 4.5w ; RX 7 tbs (HB 1948)
15	DL2AWA	69	0	69	10RT (mfd. polish tank-trx; 10 tbs, 3w) (1960)
16	DJ3KK	58	58	0	ELBC (DJ3KK-design, SPRAT Nr.94)
17	OK2BPG	55	0	55	VFO-FD-PA (EL81), 4w
18	DK4LX	52	0	52	Elecraft K2
19	DL4LAC	49	49	0	ELBC (DJ3KK-design)
20	DL6CGC	43	0	43	R-104 (USSR-military-TRX, 1962, 4w)
20	DM3XI	43	0	43	HB-TX 2x2N2222, VRO-contr.
22	OZ9KC	42	14	28	40m: HB-TRX (PA 2N3553) ; 80m: QRP-MAS-Rig, 1w
23	DK0VLP	37	0	37	Hari TX80-1; 0.9w
24	DK7JZ	35	35	0	TRX 40 CW ; 0.8w
25	OZ9QM	34	34	0	HB-TRX (DC-RX; 1w)
26	DK1JD	32	0	32	Heathkit HW-9
26	DL3LBZ	32	32	0	ELBC 40/20 (DJ3KK design, CQ-DL 8/99)
26	DL4LBB	32	32	0	ELBC (DJ3KK-design)
26	DL6AAF	32	0	32	Sierra, 2.5w
30	DL9HCW	29	0	29	Sierra + DL-QRP-PA, 5w
31	OE6WTD	27	27	0	QRP-14 (DJ6TE & DK4SX design)
32	DL8GN	24	12	12	40m: Mini (DL9RM, CQ-DL 9/93) ; 80m: mfd. Mini
33	SP2LNY	19	0	19	RBM 1 (military TRX abt. 1950, 10 tubes, 1w)
34	OK1MYA	14	0	14	TRX M 160 (mfd. for 80m), abt. 1w
35	DL5FDW	5	0	5	HB-QRP-TRX, based on Sony SW-100; 65 ICs
CH	DL1AVH				Rockmite 40; Hegau (lost rpts in PC, sri)

- - - - -

An improbable result indeed: Four OM with equal score share the first place in class A! Those logs received considerably greater scrutiny than usual, but there was no avoiding the somehow harmonic stalemate at the top. After the 40m part the immediate runners up looked more like would-be winners. But after one hour on 80m DJ2XP's FL-100B gave up its ghost. And DJ8BD has more than twice as many QSOs on 40 than on 80m. Antenna?

A few QRP participants by mistake entered in class A. Because of identical scoring, and because it brings disadvantages to nobody, they were quietly moved to class C.

The new 30-years-rule -which got explicit consent- caused two "victims" with too "young" gear (see CH). A slight drop in participating numbers may have the same cause, but also here time will finally heal all wounds.

If he analyzes carefully, Fred, DJ3KK, will receive great satisfaction from the score table: The ELBC rigs described by him in CQ-DL and SPRAT appear all of five times. One could call it an outstanding victory in the constructor's section. The Sierra is represented four times, proportionally more often than in the QRPC. Of three Elecraft K2s one can be found in class A. Nice to see a brand-new "Rockmite" listed, but equally nice the win of Robert, DJ2GL (as DL00G) with the (together with DJ7RS) probably oldest equipment (TX + RX + appr. 110 years , congrats!)

A special reverence to the age and performance of Jean, F8IL, born in 1908, who joined the HOT-PARTY, 94 years and all!

Not few had a small amplifier trailing their QRP TRX. Probably not to show some elbows, but to take the opportunity of the HOT-PARTY to cast a creative look beyond the QRP-plate's rim. Some well-known QRP callsigns appear in class A using vintage radios, enjoying variety. And there is no lack of QRP participants either.

The still comparatively poor attendance in class B remains a mystery. Shouldn't there be more old receivers or first works of homemade transmitters which -supplemented with a new counterpart- could populate class B? Instead of using a possibly intimidating T/R "contraption", this particular problem could probably be solved by recruiting a separate receiving aerial.

After the HOT-PARTY is before the HOT-PARTY!

Next QRPCC event: QRP MINIMAL ART SESSION on 29th May.

73 es bcnu "Hal", DJ7ST

Date: Sat, 18 Jan 2003 02:45:00 +0100 (MET)
From: dl6aaf@t-online.de (Uwe Meier)
To: qrp-1@lehigh.edu
Subject: [144855] Fwd: 15th HOT-PARTY: comments
Message-ID: <200301180145.CAA00373@joringel.t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU

The QRP-CONTEST-COMMUNITY (qrpcc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
+495341-50113

17-Jan-2003

The PARTY guests' comment: (HOT-PARTY 17-Nov-2002)

The HOT-PARTY is more than a test: a "RENDEZ VOUS" (F8CB)

Vy gld to take part in the contest (F8IL) (Age: 94 years!!!)

Nice party! A pity that running the TX at full power would overload the
RX (DL1ARH)

The contest went quite well. 5kHz wide filters made CW tedious (DL2MFP)

Thanks for sending the results by snail-mail. It is always big fun to
read comments from other participants. At least when facing the ionosphere
all men are created equal (DL1HTX)

Glad to see 30 years old for commercial equipment...Vy noisy on 7 - QRN and
unknown QRM (G3VDL)

A not so easy competition...unfortunately no luck on 80m (HB9APJ)

Compared with the results of 2001, DL00G must have used the oldest
equipment this year (DJ2GL)

Sri, at 1600 my TX gave up its ghost. Alas! (DJ2XP)

Not many QS0's, but am veray satisfied my "oldies" still work. RX tubes are

more than 60 years old! No PC, no automatic keyer (OK2BTT)

My results were a little better this year, but experienced the usual difficulty of a QRP station trying to be heard.
I wish I had a 30+ year old rig! (G2HLU)

After a warm-up phase of 6 hours my transmitter showed satisfactory stability...The turn-around times are too short for us homebrewers...sending call sign once and immediately going back to receive is too fast for those who have to throw a number of switches from transmit to receive (DJ7RS)

Despite only a few QSOs it was a special experience again (DM3XI)

Amateur Radio at its very roots! Fun just the same (DK7JZ)

The K1 got finished just in time and worked well. Thank you for a nice Contest (DL1RNN)

40m took off well, towards the end more and more commercial QRM.
I let my valves glow again and was looking forward to the HOT-PARTY (DL9QM)

Yet another hour and I could have fried eggs on my TRX (DL2AWA)

...I laid my hand on a Trio JR-599 RX and TX 599 transmitter from which I was told would meet the criteria.
In spite of its technical age it functioned beautifully (PA3AHN)

RX HRO from 1946! All original tubes etc. I like this contest (OK2BPA)

Unfortunately I could take part only for the last 5 minutes this time (DK7ZT)

Tnx for nice test again. Lots of QRM as usual. See you next year (SM6ERS)

Still going strong, the good old HW9...Hope I can take part regularly for many years to come (DK1JD)

An fb QRM-free nostalgic sparks highlight and commendable behaviour (DJ7RU)

Finished the poor man's PA shortly after the 80m part began. The dirt-cheap MOSFETs (MTP3055) work up to 30MHz (DK9KR)

...out of order for 6 months, now glad to take part again with a small contribution (DL9HCW)

My FT-200 was in storage but it only needed a little work and a memory exercise to get it on the air again (G3CQR)

I like the HOT-PARTY, all operators are gentle. This year I have a worse

result because my antennas worked worse in rain and storm (SP9QJ)

Had to half my contest-time: there was a clash with my xyl's, Y02DM,
birthday party (Y02IS)

Again much fun - that's what really counts! (ON4ADR)

Many thanks for mail from the QRPCC (DL1AZK)

My sets and I were waiting many days for this contest.
But the results are not satisfying (SP3BOL)

Again a great experience, conds good most of the time, and the hardware
worked well - fb! (DL1JGA)

My start was delayed by 40mins due to problems with a newly run antenna
feedline (DJ7TE)

Tuning with paddle (ELBC) no problem, not even in a contest (DJ3KK)

Unfortunately I got home from abroad with the contest only 45 minutes
to go. It is remarkable that oldtime equipment can cope so well with
my weak QRP signal (DL6AAF).

On 40m heavy QRM from SM-contest during the last hour.
On 80m vy fb conditions (OZ9KC)

Supreme again...my computer crashed, therfor no serial numbers from other
stations (DL1AVH)

- - - - -

Many thanks again to Eddi, DK3UZ, for translating

73 "Hal", DJ7ST

Date: Fri, 17 Jan 2003 19:01:09 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [144856] Re: Do You Use a Foot Switch?
Message-ID: <5.1.1.6.2.20030117185818.00a003d0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I've used both the Radio Shack and Heil models. The Heil is a bit better
built, but both of these are quite prone to moving around on the floor. A
bit of extra weight would be a big help! Lacking that, try duct tape ;^)

72,
--Tim (KROU)

kfglynn@mindspring.com:

>I want to purchase a foot switch and was wondering if anyone bothers, with
>most of being CW ops and all.
>
>Heil offers two but I can't seem to find much else out there.

Date: Fri, 17 Jan 2003 19:43:22 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
"cqc-l" <CQCLIST@yahoogroups.com>
Subject: [144857] UPDATED: the "Rock-Mite" files
Message-ID: <002301c2be9b\$5ee799c0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

More Rock-Mite file additions Links, Mods and Rock-Pile entries.

Be sure to check out Keith's story about his "Secret Santa" Rock-Mite
(<http://www.qsl.net/n0rc/rm/Rock-Pile/wb2vuo/wb2vuo.html#santa>), weird!
Better be good on QRP-L, somebody is checking to see who is naught or
nice!

73, Rod N0RC
the "Rock-Mite" files
<http://www.qsl.net/n0rc/rm/>
<http://www.radioactivehams.com/~n0rc/rm/> (redirects to qsl.net)

Date: Fri, 17 Jan 2003 22:03:36 -0500
From: "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [144858] Re: APRS and ARRL contests
Message-ID: <38176529.1042841016@ubppp233-63.dialin.buffalo.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Gang,

FWIW, BeacoNET is not APRS! Cruise over to the VHF Contesting list at www.contesting.com and check out the posts. It *was* used for the past few VHF contests and the ARRL is considering the matter. But for now, it cannot be used.

VHF- uW is way different than HF and if you read the posts on this carefully I think you'd agree that BeacoNET would be huge plus for VHF contesting.

At any rate, get out your VHF + gear because this contest is shaping up to be a good one! All you folks with 817's, 716's. 847's TS-2000's, you know who you are. :-)

GET ON AND MAKE SOME NOISE!

73,
MARK K2QO/ROVER

Date: Fri, 17 Jan 2003 22:07:49 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [144859] Re: two questions
Message-ID: <1d7.39f790.2b5a1f05@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Date: Tue Jan 14 2003 - 10:14:26 EST , Jim Eshleman (jce0@Lehigh.EDU) wrote;

<Read the list via the web archive and POSTPONE your >
<subscription. Change your subscription to DIGEST as I don't think I've >
<heard of problems receiving the digest.>

I've been on "postpone" for better than a year now and just read the archives. I was lucky to get 5 posts a day before I postponed. On 1/15 I set my sub to digest and haven't received a single one yet. Sure is a good thing AOL can't mess with the archives :-)

73, A1 N2ZHS
Scotia, NY

Date: Fri, 17 Jan 2003 23:07:55 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: Low Discussion <qrp-1@Lehigh.EDU>
Subject: [144860] FOX: K9DC Corrected Final final 9-Jan
Message-ID: <6C07DA04-2A9A-11D7-A24F-000393C78314@dcg.org>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Sorry to do this folks, but I had one last correction show up after my previous final log. It was definitely my mistake and hate to leave him out, so here is the FINAL final for Jan-9-2003.

Dave K9DC

0201 K5E0A	559	LA	Wayne	5W
0202 K5DW	559	TX	DON	5W
0202 K4FB	559	FL	Paul	5W
0204 AA50	559	LA	Vern	5W
0204 VE5RC	559	SK	Bruce	5W
0205 K5OI	559	OK	Tim	5W
0206 K5DI	559	NM	Karl	5W
0207 W5YR	559	TX	George	5W
0207 K0FRP	599	CO	Al	5W
0208 K3IU	559	RI	Ken	5W
0209 W5USJ	559	TX	Chuck	5W
0209 NM5M	559	TX	Eric	5W
0210 N4BP	559	FL	Bob	5W
0212 K5JHP	559	TX	BILL	5W
0212 N5IB	559	LA	JIM	5W
0213 VE6EX	559	AB	DAN	5W
0214 W5TB	559	TX	DOC	5W
0215 K5ZTY	559	TX	BILL	5W
0216 KK5LD	559	TX	DAN	5W
0217 N1FN	559	CO	ET	5W
0218 K0EVZ	559	ND	DOC	5W
0219 AC5JH	559	OK	TOM	5W
0220 AG0T	559	ND	TODD	5W
0221 KB7WW	559	OR	ART	5W
0222 K5SR	559	TX	DALE	5W
0223 VA6RF	559	AB	EARL	5W
0224 N5ZE	559	TX	LEW	5W
0225 NQ7X	559	AZ	FLOYD	5W

0226	KR0U	559	CO	TIM	5W	
0228	N1TP	559	FL	TOM	5W	
0228	K4BYF		559	FL	JACK	3W
0229	KC1FB		559	CT	JIM	500mw
0230	WA8NTA		559	CO	DICK	5W
0231	KD5CMN		559	TX	MIKE	5W
0232	N7XY	559	WA	BOB	5W	
0233	W5KDJ		559	TX	WAYNE	600mw
0234	WR50	559	TX	DAVE	5W	
0234	VE7HHH		559	BC	BLAIR	5W
0235	KI0II		579	CO	RON	1W
0237	K6MMC		559	CA	MIKE	5W
0240	K6VNX		559	CA	ARLEN	5W
0242	N0RC	599	CO	ROB	5W	
0245	K7TQ	559	ID	RANDY	5W	
0253	W2RBA		599	NY	JOE	5W
0254	VE4WI		559	MB	CRAIG	5W
0255	W9XU	559	WI	LON	5W	
0257	N0SG	559	CO	JASON	5W	
0258	N4ROA		559	VA	DAN	5W
0300	N2WW	559	CO	LARRY	5W	
0304	VE6JAZ		559	AB	ROB	5W
0308	WA9TZE		339	WI	JIM	5W
0310	K1KID		559	MA	CARL	4W
0314	AC7A	559	AZ	TOM	5W	
0327	AL0A	559	ME	GREG	2W	
0339	VA6MJT		559	AB	MIKE	5W
0343	N0EK	559	ND	ED	2W	
0346	W2XN	559	FL	FRED	5W	
0346	N7CQR		559	OR	DAN	5W
0349	KL7FDQ		550	MT	WAYNE	5W
0357	NN1F	559	NH	ARON	4W	
0400	N3BJ					
0400	K9DC					

=====

Dave Gingrich, K9DC
Indianapolis, Indiana USA
Dave@dcg.us

=====

Date: Sat, 18 Jan 2003 01:20:12 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: :

Cc: qrp-1@lehigh.edu
Subject: [144861] 30 Meters
Message-ID: <5.2.0.9.0.20030118010617.00a229d0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sorry I opened my big mouth about 30 Meters.
Evidently the WARC rules have been changed from the original ones.
I was concerned about the movement to gain another shared frequency on 60 Meters.
I'll admit to being wrong in the past :-) Well once or twice:-)
Have a big time on 30.
73
Pete NV4V

Date: Fri, 17 Jan 2003 22:40:33 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [144862] Re: Do You Use a Foot Switch?
Message-ID: <20030118064033.GA1563@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Good point, sort of like a paddle which is too light and walks all over the table.

The only foot switch I ever used was over 40 years ago--the old style automotive dimmer switch mounted to a piece of wood. Push to key, push again to unkey (AM, of course).

On Fri, Jan 17, 2003 at 07:01:09PM -0700, Tim Groat wrote:
> I've used both the Radio Shack and Heil models. The Heil is a bit better
> built, but both of these are quite prone to moving around on the floor. A
> bit of extra weight would be a big help! Lacking that, try duct tape ;^)
>
> 72,
> --Tim (KR0U)
>
> kfglynn@mindspring.com:
>
> >I want to purchase a foot switch and was wondering if anyone bothers, with
> >most of being CW ops and all.
> >

> >Heil offers two but I can't seem to find much else out there.
>
>

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net

Date: Sat, 18 Jan 2003 00:31:59 -0700
From: <tlogan7@cox.net>
To: "QRP-1" <qrp-1@Lehigh.EDU>
Subject: [144863] Trade full house K1-4 kit for Corsair II or cash
Message-ID: <00f601c2bec3\$aafb0e0a0\$c9e96a44@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Elecraft K1-4 brand new unopened kit with all options plus extra 80/17m board and EC-1 enclosure. Add it up on Elecraft site = \$670 plus shipping. PLUS comes with Toroid Guys beautifully pre-wound toroids! Delivered to your door \$550 (firm) or even trade for good Corsair II with filters. This was to be my second K1 and they are jewels, but really looking for Corsair II. Thanks for reading and 73/ Tim NZ7C

Date: Sat, 18 Jan 2003 13:54:37 +0300
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "QRP-L" <qrp-1@lehigh.edu>
Subject: [144864] FoxHunt Competition - ???
Message-ID: <007a01c2bee4\$4f1e4540\$9de422c3@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dear OM's!
I'm and RU-QRP Members are interesting for FOX Hunt Competition/Contest (?)
Tell me, please, where I can read about the Rules of FoxHunt?
Is this an International Party or US only?
Thanks for answers!
72! de RV3GM Oleg

RU-QRP Club's Chairman

Date: Sat, 18 Jan 2003 04:14:36 -0800
From: "Cormac Thompson" <cormac@bentonrea.com>
To: <qrp-1@Lehigh.EDU>
Subject: [144865] Portable antennas
Message-ID: <005201c2beeb\$2b7e6190\$1b2207d8@D9701621>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings Gang:

I'm new to QRP and planning on taking my Elecraft K1/4 camping. What's the consensus of opinion on the best all around portable antenna? A balance of effectiveness versus ease of installation in a variety of places from the mountains to an RV park?

Thanks for the info.

73
Cormac, W7JHS

Date: Thu, 09 Jan 2003 00:58:27 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [144866] Re: APRS and ARRL contests
Message-ID: <3E1D0F83.3F8AB044@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

"Mark S. Adams, P.E." wrote:
>
> Gang,
>
> FWIW, BeacoNET is not APRS!

I quoted Dan's statement, and his statement was about APRS. The person

on the APRSSIG list who did the inquiry which resulted in the statement asked about APRS, not Beaconet. Yes, the same issue is at hand for Beaconet, but please do not suggest that the statement I made was false. You can not have an APRS station running when you participate in the contest.

73,
--Alex KR1ST

Date: Sat, 18 Jan 2003 09:09:20 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [144867] MFJ CWF-2 Filter Schematic ?
Message-ID: <20030118.090931.8982.1.kc8aon@juno.com>

Gang,

Does anyone have the schematic of the old MFJ CWF-2 CW filter they could scan and email to me ? I want to incorporate it into a Yaesu FT-7 radio and need the schematic because the CWF-2 filter I have is no longer in the box it came in and has no switches or jacks installed to tell me where to connect anything. If you have it, email it to: kc8nxx@juno.com because I cant receive attachments at my account (old free juno email only account), but my xyl's account will handle it ok.

Thanks in advance !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio
SW 40+, HW-8, Homebrew 6V6 tube TX & Surplus GRC 109 RX
Power is for punks ! QRP is for the confident !
QRP-L #2112, FPqrp #33, AR QRP #269
"A clear conscience is most likely the result of a poor memory"

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sat, 18 Jan 2003 07:33:57 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <cormac@bentonrea.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144868] Re: Portable antennas
Message-ID: <000901c2befe\$a3342770\$6401a8c0@greyrock>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The MP-1 from SuperAntennas and sold by Elecraft. The MP1 is especially useful in the mountains, above tree line. ;-)

73, Rod N0RC
Elecraft CC: 0 of 100, started 05-Jan-2003

----- Original Message -----
From: "Cormac Thompson" <cormac@bentonrea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 18, 2003 5:14 AM
Subject: Portable antennas

> Greetings Gang:
>
> I'm new to QRP and planning on taking my Elecraft K1/4 camping.
What's the
> consensus of opinion on the best all around portable antenna? A
balance of

Date: Sat, 18 Jan 2003 08:39:28 -0600
From: "Burnley" <nu0v@arrl.net>
To: <qrp-1@lehigh.edu>
Subject: [144869] Need Nor'easter Kit (Norcal) Help
Message-ID: <000a01c2beff\$67c50be0\$6401a8c0@mchsi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang and sorry for the bandwidth. Can someone please help me with what I am sure will be a simple/embarrassing question? Where is pin 1 on the TS9521D IC in the Nor'easter kit. The other IC's were easily identified and easy to install but this one has me stumped. I read the doc and my impression is that if the IC is oriented so the writing is in a normal field (i.e. left to right as is this post), that pin 1 would be in the lower left hand corner.

In other words:

```

|-----|
|          9521          |
|          C919          |
|-----|
1
```

Am I orienting this backwards? Thanks much in advance.

This is a really FB kit and I have fun with the SMT building. I'm really mad at myself because I got the AMD chip just slightly crooked. I'm sure no one else will notice but it will bug me for the rest of my natural life (even though you can't see that side when mounted in an Altoids tin hi).

72/73, John NU0V

Date: Sat, 18 Jan 2003 07:01:06 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: msadams@acsu.buffalo.edu,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144870] Re: APRS and ARRL contests
Message-ID: <20030118150106.70312.qmail@web14206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

First let me say that I will be on six meters from FM19ga in the VHF test.

BeaconNET, and APRS on VHF, and packet spotting on HF should be against the rules. It takes the sport out of the game. You are getting something for nothing. Also, just to open another can of worms, DX net contacts should not count for DXCC either. I know, I'm weird.

Will someone please pay the heat bill, this 10 deg. at 10am is just too darn cold.

Back to the cave.

73, see you on six

Bill kc4atu

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Sat, 18 Jan 2003 09:05:32 -0600
From: "George, W5YR" <w5yr@att.net>
To: <master72@lipetsk.ru>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144871] Re: FoxHunt Competition - ???
Message-ID: <003d01c2bf03\$0c8bf0a0\$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="koi8-r"
Content-Transfer-Encoding: 7bit

Surely you will get many responses but take a look at

<http://www.cqc.org/fox/index.htm>

for the full story.

Lots of fun and very challenging - why not start a European series of Hunts? It has been a real shot in the arm for QRP activity here. We occasionally get a DX station as a Hound so give a listen next Friday morning GMT at 0200Z to 0400Z from about 7035 to 7045 KHz.

Good luck!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 18, 2003 4:54 AM
Subject: FoxHunt Competition - ???

> Dear OM's!

> I'm and RU-QRP Members are interesting for FOX Hunt
Competition/Contest (?)
> Tell me, please, where I can read about the Rules of FoxHunt?
> Is this an International Party or US only?
> Thanks for answers!
> 72! de RV3GM Oleg
> RU-QRP Club's Chairman

Date: Sat, 18 Jan 2003 10:33:18 -0500
From: Dave Fouchey <dafouchey@comcast.net>
To: tcgroat@earthlink.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144872] Re: Do You Use a Foot Switch?
Message-ID: <4.1.20030118103219.0097f1b0@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Mine are mounted on a heavy steel plate with gripping rubber on the bottom,
moving around is NOT a problem... And yes they came that way, have to check
the manufacturer.

Dave
WA4EMR

At 07:01 PM 1/17/03 -0700, Tim Groat wrote:
>I've used both the Radio Shack and Heil models. The Heil is a bit better
>built, but both of these are quite prone to moving around on the floor. A
>bit of extra weight would be a big help! Lacking that, try duct tape ;^)
>
>72,
>--Tim (KR0U)
>
>kfglynn@mindspring.com:
>
>>I want to purchase a foot switch and was wondering if anyone bothers, with
>>most of being CW ops and all.
>>
>>Heil offers two but I can't seem to find much else out there.
>

Date: Sat, 18 Jan 2003 08:52:54 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-l@lehigh.edu, n4qa@hotmail.com
Subject: [144873] Re: DSWTUN03...Significant progress today + question about QRP
pa

filters...

Message-ID: <BA4EC665.5FD%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Bill - I have long said that for me, the ideal QRP rig would be a DSW with a bandswitch, :^)

So I am glad to see that you have begun to build just such a thing.

Bandswitching input receive filters should be straight forward with diodes. A scheme similar to the HW-9 should work. Other methods have also been published in the past and a quick search of old QSTs and Ham Radio should turn these up. Bandswitching low pass filters for the transmitter might be a bit more of a challenge because of the power involved, but it is still doable. Perhaps latching relays are the answer here. Commercial rigs use octave filters and that reduces the number and complexity required. Low pass cutoffs of 2, 4, 8, 16, and 30 should cover all of the HF ham bands. You could use these as receive filters, but the strong signal handling capability, particularly second order distortion products, will suffer. The biggest drawback is the added size.

You could also consider a tunable preselector for the receive input and eliminate some switching. George Dobbs, G5RJV, has published a circuit good from 5 to 15 MHz with a dual section polyvaricon capacitor and two coils. That would cover the new 60 M band if we ever get it, 40 M, 30 M and 20 M. It might be a good place to start. If you make the coils robust enough you may be able to transmit through it, but I would make sure that the harmonic suppression is adequate.

I suspect that you could implement all of this with manual switching to prove the principals involved.

Keep us informed on your experiments as they progress. They are very interesting. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87008 DM65

Date: Sat, 18 Jan 2003 11:14:13 -0500
From: "Donn Kuse" <casey.jay@verizon.net>
To: <cormac@bentonrea.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144874] Re: Portable antennas
Message-ID: <002f01c2bf0c\$a5833f30\$c922d443@D5DP1021>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Personally, I like the Buddipole for 6M - 40M. It's compact and can be configured either as a dipole, "L", "V" or any place inbetween. Have worked into Europe and South America with it with only 5 watts, SSB!
72/73 Donn, WB4ZWT
67 and still learning

----- Original Message -----
From: "Cormac Thompson" <cormac@bentonrea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 18, 2003 7:14 AM
Subject: Portable antennas

> Greetings Gang:
>
> I'm new to QRP and planning on taking my Elecraft K1/4 camping. What's the
> consensus of opinion on the best all around portable antenna? A balance of
> effectiveness versus ease of installation in a variety of places from the
> mountains to an RV park?
>
> Thanks for the info.
>
> 73
> Cormac, W7JHS
>
>

Date: Sat, 18 Jan 2003 10:29:00 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'w2eb@twcny.rr.com'" <w2eb@twcny.rr.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [144875] RE: Buffer amp question
Message-ID: <01C2BEDC.6B2BA460.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Bill-

Wonder if you got any replies to this? A lot of the best technically advanced replies seem to go off list, unfortunately.

To buffer a hi-Z source down to a lower Z, I usually think of an emitter follower. It typically has high input Z and low output Z. But do these things hold true at 100 MHz? The input Z_{in} is $(\beta + 1) * R$, where R is the load on the emitter. This (Z_{in}) is in parallel with the base biasing resistors, which normally are the limiting factor for effective input Z.

But at high frequencies, Z_{in} drops because β is the high frequency beta and equals f_t/f_{op} .

But a transistor with f_t of 800 or 1000 Mhz isn't exotic these days, and the effective beta would be 8 or 10 at 100 MHz with one of these. So to get the input Z up where you want it, you need to make the load R higher.

You'd transform your 50 ohm load up. This would reduce your power gain, but you'd still have gain.

In an emitter follower, V_{out} is approximately equal to V_{in} , so the power gain is the ratio of the input and output resistances. If you could come up with one with 5K input Z and 500 ohm output Z, your power gain would be 10, or 10 dB.

So, what kind of *real* suggestions did you get off list? Want to share 'em?

72--Nick, WA5BDU

On Thursday, January 16, 2003 8:29 AM, W2EB [SMTP:w2eb@twcnny.rr.com] wrote:

> Gang,

>

> If this is a repost, forgive me. My machine went berserk as I was
> writing the original version of this.

>

> A question for the technically talented among us:

>

> I'd like to run a 100MHz TTL canned oscillator as the BFO in my
> W7ZOI/K7TAU Spectrum Analyzer. The oscillator will only sink/source

> 4mA. Thus, I need a buffer amp to transform this Low level/High
> impedance signal to a higher level/50 ohm impedance.
> I have been unable to find any VHF Buffer amp circuits (approx 5K
> to 50 ohm, 10 to 15dB gain).
>
>
> Bill
> W2EB
>

Date: Sat, 18 Jan 2003 08:49:17 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <master72@lipetsk.ru>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144876] Re: FoxHunt Competition - ???
Message-ID: <001b01c2bf11\$8b18c200\$867579a5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="koi8-r"
Content-Transfer-Encoding: 7bit

Hi Oleg,

You can read about the QRP-L FOX Hunt at: <http://www.cqc.org/fox/index.htm>

Don't know if it's the right time of the day for 40 meters in your neck of
the woods, but would be great to hear your call sign. The 20 Meter Summer
Hunt may present a better opportunity. Take care...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 18, 2003 2:54 AM
Subject: FoxHunt Competition - ???

> Dear OM's!
> I'm and RU-QRP Members are interesting for FOX Hunt Competition/Contest
> (?)
> Tell me, please, where I can read about the Rules of FoxHunt?
> Is this an International Party or US only?
> Thanks for answers!
> 72! de RV3GM Oleg

> RU-QRP Club's Chairman
>
>

Date: Sat, 18 Jan 2003 11:58:01 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>, <pvr@mailman.qth.net>
Subject: [144877] FS: Yaesu YH-77 headphones
Message-ID: <Pine.LNX.4.44.0301181155230.19984-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Practically new condition Yaesu YH-77 stereo headphones.

Swiveling and pivoting earpieces, foam ear cups, pretty comfortable.

I just have a few too many pairs of headphones.

\$52 new, asking \$35.

Thanks,

Scott N7JI

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sat, 18 Jan 2003 10:15:30 -0700
From: <tlogan7@cox.net>
To: "Elecraft Reflector" <elecraft@mailman.qth.net>
Cc: "QRP-l" <qrp-l@Lehigh.EDU>
Subject: [144878] K1-4 kit for sale; my loss your gain
Message-ID: <00ae01c2bf15\$346d6c40\$c9e96a44@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks -

Just located a Corsair II like I've wanted for quite awhile but now must sell a

brand new K1-4 unopened kit with all options plus extra 80/17m board and EC-1 enclosure. Adds up on Elecraft site = \$670 plus shipping. PLUS comes with Toroid Guys beautifully pre-wound toroids! Delivered to your door \$550 (firm) . This was to be my second K1 and they are jewels, but have wanted that Corsair II in that condition for a long time!.
Thanks for reading and 73/ Tim NZ7C

Date: Sat, 18 Jan 2003 12:59:21 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: ae5x@netscape.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144879] Re: Lithium polymer batteries
Message-ID: <5.2.0.9.2.20030118125633.01f0fd48@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

They're certainly not inexpensive-yet... but 4 3000mAH batteries would only weigh a total of 0.7 pound!!! Of course, your wallet would also be a lot lighter also... making for even more weight savings!

At 07:08 PM 2003-01-17, John Harper AE5X wrote:

>Anyone have any experience using these batteries in QRP applications?
><http://www.microrc.com/electric.htm#Polycells>
>They are fairly new and seem to be gaining in popularity among R/C
>(electric) airplane enthusiasts due to their light weight.
>
>--
>John Harper AE5X
>80 Meter DXing & Outdoor QRP: <http://www.ae5x.com>
>///snip

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 18 Jan 2003 12:17:15 -0500
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [144880] Re: APRS and ARRL contests
Message-ID: <B0CF3CEA-2B08-11D7-9AE6-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

Alex,

The statement which you quoted did not say that having an APRS station "running" was a violation of the rules (as interpreted). It said "using" APRS (presumably in a manner to "spot") was a violation.

The question remains (at least in my mind) in this interpretation of the rules may a call sign be used as an APRS node and to enter the contest during the same period?

I recall once reading where some people in HF contests log into a packet cluster, but only to send out spots of DX stations. They do not look at incoming spots and are not forced to enter in a "assisted" class.

This was all in response to some vague threat of officials looking at logs of cluster usage during contests and matching call signs with entry classes, as I recall.

Lot of gray area (in both cases).

Probably we will be reading about the former issue in a QST soon :)

On Thursday, January 9, 2003, at 12:58 AM, Alex wrote:

>> FWIW, BeacoNET is not APRS!

>

> I quoted Dan's statement, and his statement was about APRS. The person
> on the APRSSIG list who did the inquiry which resulted in the statement
> asked about APRS, not Beaconet. Yes, the same issue is at hand for

> Beaconet, but please do not suggest that the statement I made was
> false.
> You can not have an APRS station running when you participate in the
> contest.
>
> 73,
> --Alex KR1ST
--
See my web page: <http://www.k7on.com>

Date: Sat, 18 Jan 2003 10:36:59 -0800
From: "J. Bennett" <jwbennett@sprintmail.com>
To: qrp-l@lehigh.edu
Subject: [144881] Travel for Atlanticon, Arkiecon, FDIM
Message-ID: <3E299ECB.3ED18F23@sprintmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a heads up for anyone thinking of traveling to any of the
upcoming QRP events. Many of the airlines are currently discounting
fares. I was able to get a roundtrip from San Jose to Baltimore
for \$183 through the Northwest site.

This means that I am making the trip to Atlanticon!!!

Now to see what I can swing for FDIM.....

The sales apparently last through this Monday and are valid
for travel through the summer.

72/73
James Bennett
KA5DVS/6

Date: Sat, 18 Jan 2003 13:41:32 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [144882] First QSO with DSW-30 a 1a DSWTUN03, on 30 meters even...
Message-ID: <BAY1-F22tBGF8I1IRjB00012bfd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Finally wrote a little code for the transmitter side of the screen. Development of the xmtr code went a lot faster than the rcvr code, because, by then, I had something to go by. Once I realized that I could now control rcvr AND xmtr freqs via keyboard/mouse (man I wish Tiquit computers would hurry up and get to market their 'eightythree' handheld Windows machine with the nifty touch-screen!), I just had to tap out a few CQs on 10110 KHz using the Lionel J-38 straight key. Well, I didn't feel like going out in the cold to retune the longwire from 80m to 30m so I just decided to live dangerously and operated with 400 mW forward, 200 mW reflected, as indicated by the OHR WM-2.

After two or three CQs, was called by Jay, W9GK in Rochester, IL. Jay's Alinco DX-70, at 100W to a G5RV, was 589 here in SW VA and I was "weak but QSO copy" at Jay's QTH. We chatted for 13 minutes during which time Jay dropped his pwr to 10W (still 579 here) and then the band went long(short?) or something and Jay couldn't hear me no mo'.

About the DSW's Audio Frequency Annunciator:

Since the DSWTUN03 software and interface bypass the DSW's PIC microcontroller, the AFA has no idea to which frequency the DSW is tuned. Invoking the AFA will always result in the standard DSW power-up freq being annunciated, unless, of course, the DSW freq has been changed via encoder while in 'normal' mode.

So, if a meaningful AFA function is to be maintained while using DSWTUN03, I'll have to implement it by way of the soundcard or something.

'RIT' or facsimile thereof will look and feel different.

The DSW's PIC currently retains control of T/R, keyer and associated functions though.

And, of course, changing back-and-forth between 'Remote' and 'Local'('normal') modes is as simple as throwing a switch.

More later...You knew I was going to say that, didn't you... :)

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

MSN 8 helps eliminate e-mail viruses. Get 2 months FREE*

<http://join.msn.com/?page=features/virus>

End of QRP-L Digest 2804

